

H H D D

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-21-34
Relating to Certification of New Motor Vehicle Heavy-Duty Engines

CUMMINS ENGINE COMPANY, INC.

Pursuant to the authority vested in the Air Resources Board by Sections 43100, 43102, and 43103 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-45-3;

IT IS ORDERED AND RESOLVED: That the following Cummins Engine Company, Inc. 1986 model-year heavy-duty diesel engines have shown compliance with the optional transient test procedure and standards and are certified for use in motor vehicles with a manufacturer's gross vehicle weight rating greater than 8500 pounds:

<u>Engine Family</u>	<u>Displacement Cubic Inches (Liters)</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
093I	855 (14.0)	Engine Modification (Diesel Injection-Direct) (Turbocharged)

Engine models and codes are listed on attachments.

The following are the certification emission values for these engine families:

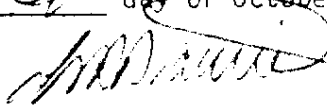
<u>Engine Family</u>	<u>Hydrocarbons gm/bhp-hr</u>	<u>Nitrogen Oxides gm/bhp-hr</u>
093I	0.6	4.7

BE IT FURTHER RESOLVED: That the Executive Officer has been provided all material required to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Administrative Code, Section 2036).

Engines certified under this Executive Order must conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this order.

Executed at El Monte, California this 27th day of October, 1985.


K. D. Drachand, Chief
Mobile Source Division

1986 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET,
HEAVY-DUTY DIESEL ENGINESManufacturer Cummins Engine Company, Inc.Page 1 of 1Engine Family 093I CID(Liter)-Type 855 (14.0) Inline 6ECS and (Special Features) AFC, MVT (Turbocharged, DID)

Engine Model	Fuel Injection Pump Mfr. Part Number	Injector Mfr. Part Number	Maximum Rated HP and RPM	Fuel Rate at Maximum HP mm ³ /stroke	Label Ident.
NTCC-400 CPL 0614	Cummins - 217795 3037216 3034873 3034874	Cummins - 3037338	400 @ 2100 1250 @ 1300	215 (152) 255 (112)	(19° BTDC @ .2032 in. piston travel, .266 in Inj. push tube travel)
NTCC-350 CPL 0615	Cummins - 217795 3037216 3034873 3034874	Cummins - 3040912	350 @ 1800 1175 @ 1300	203 (123) 230 (101)	(Same)
NTCC-300 CPL 0616	Cummins - 217795 3037216 3034873 3034874	Cummins - 3038187	300 @ 1800 1050 @ 1300	173 (105) 205 (90)	(Same)
NTCC-240 CPL 0617	Cummins - 217795 3037216 3034873 3034874	Cummins - 3037337	240 @ 1800 900 @ 1300	143 (87) 178 (78)	(Same)
NHHTC-B350 CPL 0677	Cummins - 217795 3037216 3034873 3034874	Cummins - 3040912	350 @ 2100 1065 @ 1300	196 (139) 219 (96)	(Same)

Date of Issue -